

Laser Show System

Model:CVLC-LT222

User Manual

Thanks for your purchasing, please read this manual carefully before operating the system. It gives you general information for your safety and better operation.

Inspection

Check for the contents in the package refers to the following list:

1. IP65 water-proof and dust-proof laser: 1
2. Adaptor: 1
3. User manual: 1

Installation

1. Firstly, be sure that the using voltage is match with the voltage marked on the base of the laser lighting ;
2. Installation should be made by professional technician. Fix the laser and adjust the angle of the laser lighting to your need;
3. Be sure that there is no flammable or explosive subject nearby.
The least distance is 0.5 meters.
4. The laser lighting should be fixed by inserting into soil or attached to trees, etc;
5. It is essential to be earthed well for the sake of safety.

Technical parameters

1. Laser diode: DPSS, Red 650nm, Green 532nm, Blue 470nm
2. Power supply: AC 220V, 50Hz
3. Laser power: Red 100mw, Green 40mw, Blue 100mw
4. Effect: Static firefly twinkling
5. Dimensions: 28 × 22 × 14cm
6. Net weight: 1.00KG
7. Gross weight: 1.30KG

Warning

- ✧ **Ingress protection: IP65. Do NOT soak in water. It works for rainy days ONLY.**
- ✧ Power off before installation or maintenance;
- ✧ The danger class of this laser lighting is CLASS III B. It's dangerous for observing laser. The safe minimum distance is 13cm, the safe maximum time is 10 seconds;
- ✧ Keep at least 0.5 meters distance between the lighting and flammable material;
- ✧ The voltage range from 200V to 240V. Suggest: using regulator to prolong the lifetime of the laser lighting.

Maintenance

- ✧ Please clean the lens regularly. Do not clean it using the wet cloth or other chemical. The clean times is depend on the using frequency and surrounding condition; it is recommended that should be cleaned every 20 days;
- ✧ Please clean the lighting surface and engine outlet regularly.

Notices

- ※ **Ingress protection: IP65. Do NOT soak in water.**
- ※ Non-professional do not dismantle or repair the laser lighting. If there is any problem, please inquire with the professional or contact with the local dealer;
- ※ Prevent the laser lighting from strong vibration or punch;
- ※ Before power on, be sure the adaptor is connected well with the socket;
- ※ Do not turn on and turn off frequently, avoid to turn on the power for a long time;
- ※ Please power off the lighting for 15 minutes after running two hours, ensure that the laser system is in well cooling state;
- ※ Do not looking at the laser source using telescope;
- ※ Do not touch the adaptor with wet hands and forcefully pull the power line;
- ※ The distance between lighting and casting medium should be more than 1 meter;
- ※ When to be transported, use the original package.